

FORM PTO-1449		PATENT DOCKET NO. 581.058000/RWE/ALS		APPLICATION NO. 09/529,130	
FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		FIRST NAMED INVENTOR Michael John Duggan 35 U.S.C. § 371 Date June 22, 2000		ART UNIT 1653	
PATENT DOCUMENTS					

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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CMK	AC1 5,433,946	07/18/1995	Allen, Jr. et al.			
CMK	AD1 6,235,313	05/22/2001	Mathiowitz et al.			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes
AM						No
AN						Yes
CMK	AO3 EP 0 602 686 A2	06/22/1994	Europe			Abstract Yes
CMK	AP3 WO 00/57897	10/05/2000	WIPO			No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CMK	AR	10	Diaz, A. and Dickenson, A.H., "Blockade of spinal N- and P-type, but not L-type, calcium channels inhibits the excitability of rat dorsal horn neurones produced by subcutaneous formalin inflammation," <i>Pain</i> 69:93-100, Elsevier Science Ireland Ltd. (January 1997)
	AS	10	Edmonds, B.T. and Koenig, E., "Transmembrane Cytoskeletal Modulation in Preterminal Growing Axons: I. Arrest of Bulk and Organelle Transport in Goldfish Retinal Ganglion Cell Axons Regenerating In Vitro by Lectins Binding to Sialoglycoconjugates," <i>Cell Motil. Cytoskeleton</i> 17:106-117, Wiley-Liss, Inc. (1990)
CMK	AT	10	Edmonds, B.T. and Koenig, E., "Transmembrane cytoskeletal modulation in preterminal growing axons. II. <i>Limax flavus</i> agglutinin-induced receptor redistribution, capping and internalization in varicosities of growing axons," <i>J. Neurocytol.</i> 20:232-247, Chapman and Hall Ltd. (1991)

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>CMK</i>	AR	11	Garber, N., et al., "On the specificity of the D-galactose-binding lectin (PA-I) of <i>Pseudomonas aeruginosa</i> and its strong binding to hydrophobic derivatives of D-galactose and thiogalactose," <i>Biochim. Et Biophys. Acta</i> 1116:331-333, Elsevier Science Publishers B.V. (1992)
<i>CMK</i>	AS	11	Garret, C., et al., "Pharmacological properties of a potent and selective nonpeptide substance P antagonist," <i>Proc. Natl. Acad. Sci. USA</i> 88:10208-10212, National Academy of Sciences (1991)
<i>CMK</i>	AT	11	Gupta, D., et al., "Differences in the Cross-Linking Activities of Native and Recombinant <i>Erythrina corallodendron</i> Lectin with Asialofetuin. Evidence for Carbohydrate-Carbohydrate Interactions in Lectin-Glycoprotein Complexes," <i>Biochem.</i> 33:2503-2508, American Chemical Society (1994)

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<i>CYK</i>	AR	12	Heilman, R.D., et al., "An Evaluation of the Hot Plate Technique to Study Narcotic Antagonists," <i>Res. Commun. Chem. Pathol. Pharmacol.</i> 13:635-647, PJD Publications Ltd. (1976)
	AS	12	Iglesias, J.L., et al., "Purification and Properties of a D-Galactose/N-Acetyl-D-galactosamine-Specific Lectin from <i>Erythrina cristagalli</i> ," <i>Eur. J. Biochem.</i> 123:247-252, Blackwell Science Ltd. (1982)
<i>CYK</i>	AT	12	Lembeck, F. and Holzer, P., "Substance P as Neurogenic Mediator of Antidromic Vasodilation and Neurogenic Plasma Extravasation," <i>Naunyn-Schmied. Arch. Pharmacol.</i> 310:175-183, Springer-Verlag (1979)

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CMK	AR	<u>13</u>	Lis, H. and Sharon, N., "Lectins as Molecules and as Tools," <i>Ann. Rev. Biochem.</i> 55:35-67, Annual Reviews, Inc. (1986)
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CMK	AT	<u>13</u>	Silverman, J.D. and Kruger, L., "Selective neuronal glycoconjugate expression in sensory and autonomic ganglia: relation of lectin reactivity to peptide and enzyme markers," <i>J. Neurocytol.</i> 19:789-801, Chapman and Hall Ltd. (1990)

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<i>CK</i>	AR	<u>14</u>	Sharon, N. and Lis, H., "Legume lectins - a large family of homologous proteins," <i>FASEB J.</i> 4:3198-3208, The Federation of American Societies for Experimental Biology (1990)
	AS	<u>14</u>	Welch, M. and Foster, K., "Chapter 26. Cell Culture of Neurons of the Peripheral Nervous System of Birds and Mammals," in: <i>The Neuron in Tissue Culture</i> , Haynes, L.W., ed., John Wiley & Sons Ltd., New York, N.Y. pp-389-393 (December 1999)
<i>CK</i>	AT	<u>14</u>	Zambenedetti, P., et al., "Identification of lectin binding sites in the rat brain," <i>Glycoconj. J.</i> 13:341-346, Chapman & Hall (June 1996)

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<i>CMK</i>	AR	<u>15</u>	Zhou, L., et al., "Expression and Purification of the Light Chain of Botulinum Neurotoxin A: A Single Mutation Abolishes Its Cleavage of SNAP-25 and Neurotoxicity after Reconstitution with the Heavy Chain," <i>Biochem.</i> 34:15175-15181, American Chemical Society (1995)
<i>/</i>	AS	<u>15</u>	Esp@cenet Database 12, English language abstract of European Patent No. 0 602 686 A2 (Document AO3)
<i>CMK</i>	AT	<u>15</u>	Audet, M.A., Office Communication for United States Patent Application No. 09/937,484, 12 pages, United States Patent and Trademark Office (mailed January 29, 2004)

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CMK	AR	16	Schwartz, A.L., filing for United States Patent Application No. 09/937,484, 4 pages; "Reply to Restriction Requirement" (filed February 27, 2004)
	AS	16	Audet, M.A., Office Communication for United States Patent Application No. 09/937,484, 16 pages, United States Patent and Trademark Office (mailed June 21, 2004)
CMK	AT	16	Schwartz, A.L., filing for United States Patent Application No. 09/937,484, 14 pages, "Petition to the Director Under 37 C.F.R. §§ 1.144 and 1.181 to Withdraw Final Restriction Requirement" (filed August 17, 2004)

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<i>CMK</i>	AR	<u>17</u>	Schwartz, A.L., filing for United States Patent Application No. 09/937,484, 25 pages with Exhibits A-D, "Amendment and Reply Under 37 C.F.R. § 1.111" (filed September 21, 2004)
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CMK	AE1 6,395,513 B1	05/28/2002	Foster et al.			
	AF1 6,461,617 B1	10/08/2002	Shone et al.			
	AG1 6,632,440 B1	10/14/2003	Quinn et al.			
	AH1 2003/0147895 A1	08/07/2003	Shone et al.			
	AI1 2003/0166238 A1	09/04/2003	Shone et al.			
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AL						Yes
AM						No
AN						Yes
AO						No
AP						Yes

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR			
CMK	AS 17		Copy of application and Prosecution History for "Recombinant Toxin Fragments," Shone et al., U.S. Application No. 09/255,829, filed February 23, 1999
CMK	AT 17		Copy of Application and Prosecution History for "Methods and Compounds for the Treatment of Mucus Hypersecretion," Quinn et al., U.S. Application No. 09/763,669, with a §371 date May 29, 2001

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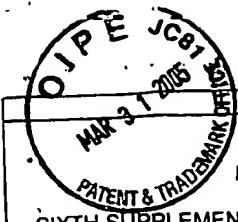
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	AL						Yes
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	AO						No
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							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CK	AR	18	Copy of Application and Prosecution History for "Delivery of Superoxide Dismutase to Neuronal Cells," Shone et al., U.S. Application No. 09/831,050, with a §371 date of August 20, 2001
	AS	18	Copy of Application and Prosecution History for "Constructs for Delivery of Therapeutics Agents to Neuronal Cells," Shone et al., U.S. Application No. 10/130,973, with a §371 date of June 25, 2002
CK	AT	18	Copy of Application and Prosecution History for "Recombinant Toxin Fragments," Shone et al., U.S. Application No. 10/241,596, filed September 12, 2002

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AM						No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CMK	AR	19	Copy of Application and Prosecution History for "Methods and Compounds for the Treatment of Mucus Hypersecretion," Quinn et al., U.S. Application No. 10/633,698, filed August 5, 2003
	AS	19	Shone et al., "Delivery of Superoxide Dismutase to Neuronal Cells," U.S. Application No. 11/062,471, filed February 22, 2005
CMK	AT	19	Shone et al., "Recombinant Toxin Fragments," U.S. Patent Application No. 11/077,550, filed March 11, 2005

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<p style="text-align: right;">O P E JCB MAR 3 1 2005 U.S. PATENT AND TRADEMARK OFFICE FOR PTO-1449</p> <p>SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</p>		ATTY. DOCKET NO. 1581.058000/RWE/ALS	APPLICATION NO. 09/529,130
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AR	20	Shone et al., "Recombinant Toxin Fragments," U.S. Patent Application No. 10/527,411, filed March 11, 2005 not available
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	AM1 EP 0 673 938 A2	09/27/1995	Europe			Yes No
	AN1 WO 95/28171	10/26/1995	WIPO			Yes No
	AO1 WO 95/33850	12/14/1995	WIPO			Yes No
CK	AP1 WO 96/33273	10/24/1996	WIPO			Yes No

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	AS	1	Hambleton, P., "Clostridium botulinum toxins: a general review of involvement in disease, structure, mode of action and preparation for clinical use," J. Neurol. 239:16-20, Springer-Verlag (1992)
CK	AT	1	Kurazono, H., et al., "Minimal Essential Domains Specifying Toxicity of the Light Chains of Tetanus Toxin and Botulinum Neurotoxin Type A," J. Biol. Chem. 267:14721-14729, American Society for Biochemistry and Molecular Biology, Inc. (1992)

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	AM2	WO 98/07684	02/26/1998	WIPO			Yes No
CMK	AN2	WO 98/07864	02/26/1998	WIPO			Yes No
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	AP						Yes No

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CMK	AR	2	Nishiki, T., et al., "Identification of Protein Receptor for Clostridium botulinum Type B Neurotoxin in Rat Brain Synaptosomes," <i>J. Biol. Chem.</i> 269:10498-10503, American Society for Biochemistry and Molecular Biology, Inc. (1994)
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned	
		APPLICANT To be assigned		
		FILING DATE Herewith	GROUP To be assigned	

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## U. S. PATENT DOCUMENTS

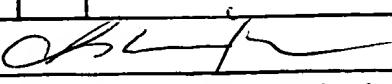
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

GYK	AR	3	Zhou, L., et al., "Expression and purification of the Light Chain of Botulinum Neurotoxin A: A Single Mutation Abolishes Its Cleavage of SNAP-25 and Neurotoxicity after Reconstitution with the Heavy Chain," <i>Biochemistry</i> 34:15175-15181, American Chemical Society (1995)
GYK	AS	3	International Search Report for PCT/GB99/02806, mailed March 16, 2000
	AT		

EXAMINER  DATE CONSIDERED 5/5/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned
		APPLICANT Quinn et al.	09/529/130
		FILING DATE Herewith	GROUP To be assigned
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
OK	AB1	5,989,545	11/23/1999	Poster et al.	424	183.1	5 102(e) Date: 01/12/1998
	AC						
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
OK	AO2	WO 94/21300	09/29/1994	WIPO			Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
OK	AT	3	Bizzini, B., "Investigation of the Mode of Action of Tetanus Toxin with the Aid of Hybrid Molecules Consisting in Part of Tetanus Toxin-Derived Fragments," <i>Bacterial Protein Toxins</i> , pp. 427-434, Academic Press London (1984).

EXAMINER

DATE CONSIDERED

11/15/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned
		APPLICANT Quinn et al.	
		FILING DATE Herewith	GROUP To be assigned
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>CK</i>	AR	<u>4</u>	Blaustein, R.O. et al., "The N-terminal half of the heavy chain of botulinum type A neurotoxin forms channels in planar phospholipid bilayers," <i>FEBS Letters</i> 226:115-120, Elsevier Science Publishers B.V. (Biomedical Division) (December 1987).				
	AS	<u>4</u>	Hay, D.W.P., "Chronic obstructive pulmonary disease:emerging therapies," <i>Current Opinion in Chemical Biology</i> 4:412-419, Elsevier Science Ltd. (August 2000).				
<i>CK</i>	AT	<u>4</u>	Madison, J.M., and Irwin, R.S., "Chronic obstructive pulmonary disease," <i>The Lancet</i> 352:467-473, The Lancet Publishing Group (August 8, 1998).				

EXAMINER	<i>B.C. J.</i>	DATE CONSIDERED	<i>5/5/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned
		APPLICANT Quinn et al.	
		FILING DATE Herewith	GROUP To be assigned

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CK	AR	S	Rogers, D.F., "Motor control of airway goblet cells and glands," <i>Respiration Physiology</i> 125:129-144, Elsevier Science B.V. (March 2001).
	AS	S	Rogers, D.F., "Pharmacological regulation of the neuronal control of airway mucus secretion," <i>Current Opinion in Pharmacology</i> 2:249-255, Elsevier Science Ltd. (June 2002).
CK	AT	S	Shone, C.C. et al., "A 50-kDa fragment from the NH <sub>2</sub> -terminus of the heavy subunit of Clostridium botulinum type A neurotoxin forms channels in lipid vesicles," <i>Eur. J. Biochem.</i> 167:175-180, Springer International (August 17, 1987).

EXAMINER	<i>CK</i>	DATE CONSIDERED <i>8/5/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		

FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned
		APPLICANT Quinn et al.	
		FILING DATE Herewith	GROUP To be assigned

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1						
	AB1						
CK	AC1	4,792,447	12/20/1988	Uhr et al.	424	85.91	05/27/1983
CK	AD1	5,668,255	09/16/1997	Murphy, J.R.	530	350	08/04/1993
	AE1						
	AP1						
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	AJ1						
	AK1						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
AP2	DE 197 35 105 A1			Germany			Abstract/Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CK	AR	6	Database - 12, English language abstract of DE 197 35 105 A1, at esp@cenet.
CK	AS	6	Dialog File 351, Accession No. 2000-072332, Derwent WPI English language abstract for WO 99/58571.
	AT		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned
		APPLICANT Quinn et al.	
		FILING DATE Herewith	GROUP To be assigned

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## U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
CMK	AL3	WO 91/09871	07/11/1991	WIPO			Yes No
	AM3	WO 92/15327	09/17/1992	WIPO			Yes No
	AN3	WO 93/04191	03/04/1993	WIPO			Yes No
	AO3	WO 93/15766	08/19/1993	WIPO			Yes No
CMK	AP3	WO 96/12802	05/02/1996	WIPO			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

DATE CONSIDERED

5/5/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned
		APPLICANT Quinn et al.	
		FILING DATE Herewith	GROUP To be assigned
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
CMK	AL4	WO 98/08540	03/05/1998	WIPO			Yes No
	AM4	WO 99/58571	11/18/1999	WIPO			Yes No
CMK	AN4	WO 00/04926	02/03/2000	WIPO			Yes No
	AO4						Yes No
	AP4						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
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EXAMINER	<i>CB C Jr</i>	DATE CONSIDERED	<i>5/5/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned
		APPLICANT Quinn et al.	GROUP To be assigned
		FILING DATE Herewith	

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## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
CMK	A04 WO 00/10598	03/02/2000	WIPO			Yes No
AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR					
AS					
CMK	AT 6	Kielian, M., et al., Mechanisms of Mutations Inhibiting Fusion and Infection by Semliki Forest Virus," J. Cell Biol. 134:863-872, The Rockefeller University Press (1996)			

EXAMINER

DATE CONSIDERED

5/5/05

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FORM PTO-1449 <b>THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 1581.0770001/RWE/BEC		APPLICATION NO. To be assigned	
		APPLICANT Quinn et al.		GROUP To be assigned	
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>CK</i>	AR	7	Kihara, A., and Pastan, I., "Analysis of Sequences Required for the Cytotoxic Action of a Chimeric Toxin Composed of <i>Pseudomonas</i> Exotoxin and Transforming Growth Factor $\alpha$ ," <i>Bioconjug. Chem.</i> 5:532-538, American Chemical Society (1994)
<i>CK</i>	AS	7	London, E., "Diphtheria toxin: membrane interaction and membrane translocation," <i>Biochim. Biophys. Acta</i> 1113:25-51, Elsevier Science Publishers B.V. (1992)
<i>CK</i>	AT	7	Murata, M., et al., "pH-Dependent Membrane Fusion and Vesiculation of Phospholipid Large Unilamellar Vesicles Induced by Amphiphilic Anionic and Cationic Peptides," <i>Biochemistry</i> 31:1986-1992, American Chemical Society (1992)

EXAMINER	<i>CK</i>	DATE CONSIDERED	<i>9/10/95</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

FORM PTO-1449  <u>THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned
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		FILING DATE Herewith	GROUP To be assigned

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>CK</i>	AR	<u>8</u>	Picard-Maureau, M., et al., "Foamy Virus Envelope Glycoprotein-Mediated Entry Involves a pH-Dependent Fusion Process," <i>J. Virol.</i> 77:4722-4730, American Society for Microbiology (April 2003)
	AS	<u>8</u>	Plank, C., et al., "The Influence of Endosome-disruptive Peptides on Gene Transfer Using Synthetic Virus-like Gene Transfer Systems," <i>J. Biol. Chem.</i> 269:12918-12924, The American Society for Biochemistry and Molecular Biology, Inc. (1994)
<i>CK</i>	AT	<u>8</u>	Prior, T.I., et al., "Translocation Mediated by Domain II of <i>Pseudomonas</i> Exotoxin A: Transport of Barnase into the Cytosol," <i>Biochemistry</i> 31:3555-3559, American Chemical Society (1992)

DATE CONSIDERED

5/5/05

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		APPLICANT Quinn et al.		
		FILING DATE Herewith	GROUP To be assigned	

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

OK	AR	9	Seth, S., et al., "Activation of Fusion by the SER Virus F Protein: a Low-pH-Dependent Paramyxovirus Entry Process," <i>J. Virol.</i> 77:6520-6527, American Society for Microbiology (June 2003)
	AS	9	Silverman, J.A., et al., "Mutational Analysis of the Helical Hairpin Region of Diphtheria Toxin Transmembrane Domain," <i>J. Biol. Chem.</i> 269:22524-22532, The American Society for Biochemistry and Molecular Biology, Inc. (1994)
CMK	AT	9	Wagner, B., et al., "Influenza virus hemagglutinin HA-2 N-terminal fusogenic peptides augment gene transfer by transferrin-polylysine-DNA complexes: Toward a synthetic virus-like gene-transfer vehicle," <i>Proc. Natl. Acad. Sci. USA</i> 89:7934-7938, National Academy Press (1992)

EXAMINER	<i>OK</i>	DATE CONSIDERED <i>5/5/05</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  <u>THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1581.0770001/RWE/BEC	APPLICATION NO. To be assigned
		APPLICANT Quinn et al.	GROUP To be assigned 1657
		FILING DATE Herewith	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CMK	AR	10	Yao, Y., et al., "Membrane fusion activity of vesicular stomatitis virus glycoprotein G is induced by low pH but not by heat or denaturant," <i>Virology</i> 310:319-332, Academic Press (June 2003)
	AS		
	AT		

EXAMINER	<i>CMK</i>	DATE CONSIDERED	<i>5/5/05</i>
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